

**RADIO FREQUENCY IDENTIFICATION
SYSTEM AND METHOD**

5

ABSTRACT OF THE DISCLOSURE

A method and system for monitoring assets using radio frequency tags is provided that includes a plurality of primary tags. Each primary tag stores an identification of each linked tag associated with the primary tag. The primary tag receives a polling event and transmits a query message for linked tags within an operational range of the primary tag. Each linked tag receiving the query message transmits a response message that includes an identification of the linked tag. The primary tag receives the response messages and compares the identifications in the response messages to the identifications stored for each linked tag. Based on the comparison, the primary tag determines a monitored asset status.